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Last update of file: 2004/07/07 (YYYY/MM/DD) 2004-27/UP (basic update)

Search statement 1

Query/Command : US6584814/PN

** SS 1: Results 1

Search statement 2

Query/Command : PRT FULL NONSTOP LEGALALL

1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image

PN - US2002002847 A1 20020110 [US20020002847]
PN2 - US6584814 B2 20030701 [US6584814]
TI - (A1) Washing machine with tilted washing tub
PA - (B2) LG ELECTRONICS INC (KR)
PA0 - LG Electronics, Inc., Seoul [KR]
PA2 - (B2) LG ELECTRONICS INC (KR)
IN - (A1) LEE BONG SANG (KR); PARK HYE YONG (KR); RYU CHANG WON (KR); SON JI CHANG (KR)
AP - US83738501 20010419 [2001US-0837385]
PR - KR2000020736 20000419 [2000KR-0020736]
IC - (A1) D06F-023/00 D06F-037/20
EC - D06F-023/06
D06F-039/12
PCL - ORIGINAL (O) : 068024000; CROSS-REFERENCE (X) : 068003000R
DT - Basic
CT - US2583823; US4526020; US5090220; US5661914
STG - (A1) Utility Patent Application published on or after January 2, 2001
STG2 - (B2) U.S. Patent (with pre-grant pub.) after Jan. 2, 2001
AB - Disclosed herein is a washing machine with a tilted washing tub. The washing machine includes a casing on the rear portion of which an opening is formed. The opening is covered with a rear cover provided with an outward protrusion. A washing tub consists of outer and inner tubs. The outer tub is positioned in the casing to be tilted forward at a predetermined angle for containing washing water. The inner tub is positioned in the outer tub for washing and spin-drying laundry. Drive means is positioned under the outer tub to rotate the outer tub.
UP - 2002-04

1 / 1 LGST - ©EPO

PN - US2002002847 A1 20020110 [US20020002847]
US6584814 B2 20030701 [US6584814]
AP - US83738501 20010419 [2001US-0837385]
ACT - 20031216 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20031008

20031223 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20031008
UP - 2004-03

1 / 1 CRXX - ©CLAIMS/RRX

PN - 6,584,814 A 20030701 [US6584814]
PA - LG Electronics Inc KR

ACT - 20031008 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20031216
REISSUE REQUEST NUMBER: 10/684322
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1746

Reissue Patent Number:

20031008 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20031223
REISSUE REQUEST NUMBER: 10/684322
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1746

Reissue Patent Number:

Search statement 2

Query/Command : FILE INPADOC

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LGST - Time in minutes : 0,03
The cost estimation below is based on Questel's
standard price list

Estimated cost :	0.03 USD
Records displayed and billed :	1
Estimated cost :	0.60 USD
Legal-Status informations :	1
Estimated cost :	0.50 USD
Cost estimated for the last database search :	1.13 USD
Estimated total session cost :	3.81 USD

CRXX - Time in minutes : 0,03
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Estimated cost :	0.05 USD
Records displayed and billed :	1
Estimated cost :	5.50 USD
Legal-Status informations :	1
Estimated cost :	0.50 USD
Cost estimated for the last database search :	6.05 USD
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LITA - Time in minutes : 0,00

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Search statement 1

Query/Command : FAM US6584814/PN

1 Patent Groups

**** SS 1: Results 6**

Search statement 2

Query/Command : FAMSTATE NONSTOP

1 / 6 INPADOC - ©INPADOC

PN - CN 1318663 A 20011024 [CN1318663]
TI - INCLINED CASING OF WASHING MACHINE
IN - CHI-CHANG SON [KR]; HOE-YUNG PAK [KR]; BONG-SANG LEE [KR]
PA - LG ELECTRONICS INC [KR]
AP - CN 2001120761/01-A 20010419 [2001CN-0120761]
PR - KR 2000020736/00-A 20000419 [2000KR-0020736]
IC - D06F-037/26; D06F-023/06

2 / 6 INPADOC - ©INPADOC

PN - JP 2001353394 A2 20011225 [JP2001353394]
TI - WASHING MACHINE HAVING INCLINED WASHING TUB
IN - SON JI CHAN; PARK HYE YONG; LEE BONG SANG; RYU CHANG WON
PA - LG ELECTRONICS INC
AP - JP 2001121190/01-A 20010419 [2001JP-0121190]
PR - KR 2000020736/00-A 20000419 [2000KR-0020736]
IC - D06F-023/06; D06F-039/12

3 / 6 INPADOC - ©INPADOC

PN - KR 205371 Y1 20001201 [KRU205371]

TI - SEAL-DEVICE OF AN ACID PROOF PUMP
IN - KIM MIN KWON [KR]
PA - KIM MIN KWON [KR]
AP - KR 2000020736/00-U 20000720 [2000KR-U020736]
PR - KR 2000020736/00-U 20000720 [2000KR-U020736]
IC - F16J-015/00

4 / 6 INPADOC - ©INPADOC

PN - KR 2001097014 A 20011108 [KR1097014]
TI - WASHING MACHINE HAVING INCLINED WASHING TUB
IN - LEE BONG SANG [KR]; PARK HYE YONG [KR]; RYU CHANG WON [KR];
SON JI CHANG [KR]
PA - LG ELECTRONICS INC [KR]
AP - KR 2000020736/00-A 20000419 [2000KR-0020736]
PR - KR 2000020736/00-A 20000419 [2000KR-0020736]
IC - D06F-023/06

5 / 6 INPADOC - ©INPADOC

PN - US 2002002847 AA 20020110 [US20020002847]
TI - WASHING MACHINE WITH TILTED WASHING TUB
IN - SON JI CHANG [KR]; PARK HYE YONG [KR]; LEE BONG SANG [KR];
RYU CHANG WON [KR]
PA - SON JI CHANG [KR]; PARK HYE YONG [KR]; LEE BONG SANG [KR];
RYU CHANG WON [KR]
AP - US 837385/01-A 20010419 [2001US-0837385]
PR - KR 2000020736/00-A 20000419 [2000KR-0020736]
IC - D06F-023/00; D06F-037/20

1 / 1 LEGALI - ©EPO

PN - US2002002847 A1 20020110 [US20020002847]US6584814 B2 20030701
[US6584814]
AP - US83738501 20010419 [2001US-0837385]
ACTE - 20031216 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20031008

20031223 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20031008
UP - 2004-03

6 / 6 INPADOC - ©INPADOC

PN - US 6584814 BB 20030701 [US6584814]
TI - WASHING MACHINE WITH TILTED WASHING TUB
IN - SON JI CHANG [KR]; PARK HYE YONG [KR]; LEE BONG SANG [KR];
RYU CHANG WON [KR]
PA - LG ELECTRONICS INC [KR]
AP - US 837385/01-A 20010419 [2001US-0837385]
PR - KR 2000020736/00-A 20000419 [2000KR-0020736]
IC - D06F-023/06; D06F-037/26

1 / 1 LEGALI - ©EPO

PN - US2002002847 A1 20020110 [US20020002847]US6584814 B2 20030701
[US6584814]
AP - US837385/01 20010419 [2001US-0837385]
ACTE - 20031216 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20031008

20031223 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20031008
UP - 2004-03

Search statement 2

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DATE: JULY 8, 2004
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FILE: ALL

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PATNO IS 6584814

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LEVEL 1 - 1 PATENT

1. 6584814 , July 1, 2003 , Washing machine with tilted washing tub, Son, Ji Chang - Kyungsangnam-do, South Korea (KR); Park, Hye Yong - Kyungsangnam-do, South Korea (KR); Lee, Bong Sang - Kyungsangnam-do, South Korea (KR); Ryu, Chang Won - Kyungsangnam-do, South Korea (KR), 837385 (09), LG Electronics, Inc., Seoul, South Korea (KR), 03, August 13, 2001 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS) ., LG ELECTRONICS INC. 20 YEOUIDO- DONG, YOUNGDEUNGPO-KU SEOUL KOREA, REPUBLIC OF 150-0, Reel and Frame Number: 012067/0338

CORE TERMS: tub, washing, casing, rear, tilted, washing machine, protrusion, laundry, projections, forward ...

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6584814

<=1> Get Drawing Sheet 1 of 6

July 1, 2003

Washing machine with tilted washing tub

REISSUE: October 8, 2003 - Reissue Application filed Ex. Gp.: 1746; Re. S.N. 10/684,322 (O.G. December 16, 2003)
October 8, 2003 - Reissue Application filed Ex. Gp.: 1746; Re. S.N. 10/684,322 (O.G. December 23, 2003)

APPL-NO: 837385 (09)

FILED-DATE: April 19, 2001

GRANTED-DATE: July 1, 2003

CORE TERMS: tub, washing, casing, rear, tilted, washing machine, protrusion, laundry, projections, forward ...

6584814

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